

Data File : VU035717.D
Acq On : 15 Nov 2019 11:21
Operator : JC/SP
Sample : K5856-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAQG3

Quant Time: Nov 16 01:40:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 16 01:36:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	235380	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	263112	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	89395	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	108174	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.93	69	104227	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.60	63	138568	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	4.70	46	290120	54.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.48%
24) Chloroform-d	5.11	84	206797	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.75	65	112159	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
32) Benzene-d6	5.77	84	415585	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.74	67	141003	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.93	98	343359	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	8.22	79	50128	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.70	63	204402	48.77	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.54%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	115953	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	100747	5.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.60%

Target Compounds

					Qvalue	
12) 1,1-Dichloroethene	2.60	96	1388	0.067	ug/L #	1
37) 1,2-Dichloropropane	6.74	63	13844	0.567	ug/L #	87
39) cis-1,3-Dichloropropene	7.61	75	3107	0.089	ug/L #	29
48) 2-Hexanone	8.75	43	25157	2.523	ug/L #	87
59) 1,2,3-Trichloropropane	11.84	75	10146	0.629	ug/L	97
65) 1,2-Dichlorobenzene	12.24	146	2631	0.093	ug/L #	71

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
ClientSampleId :
GAQG3

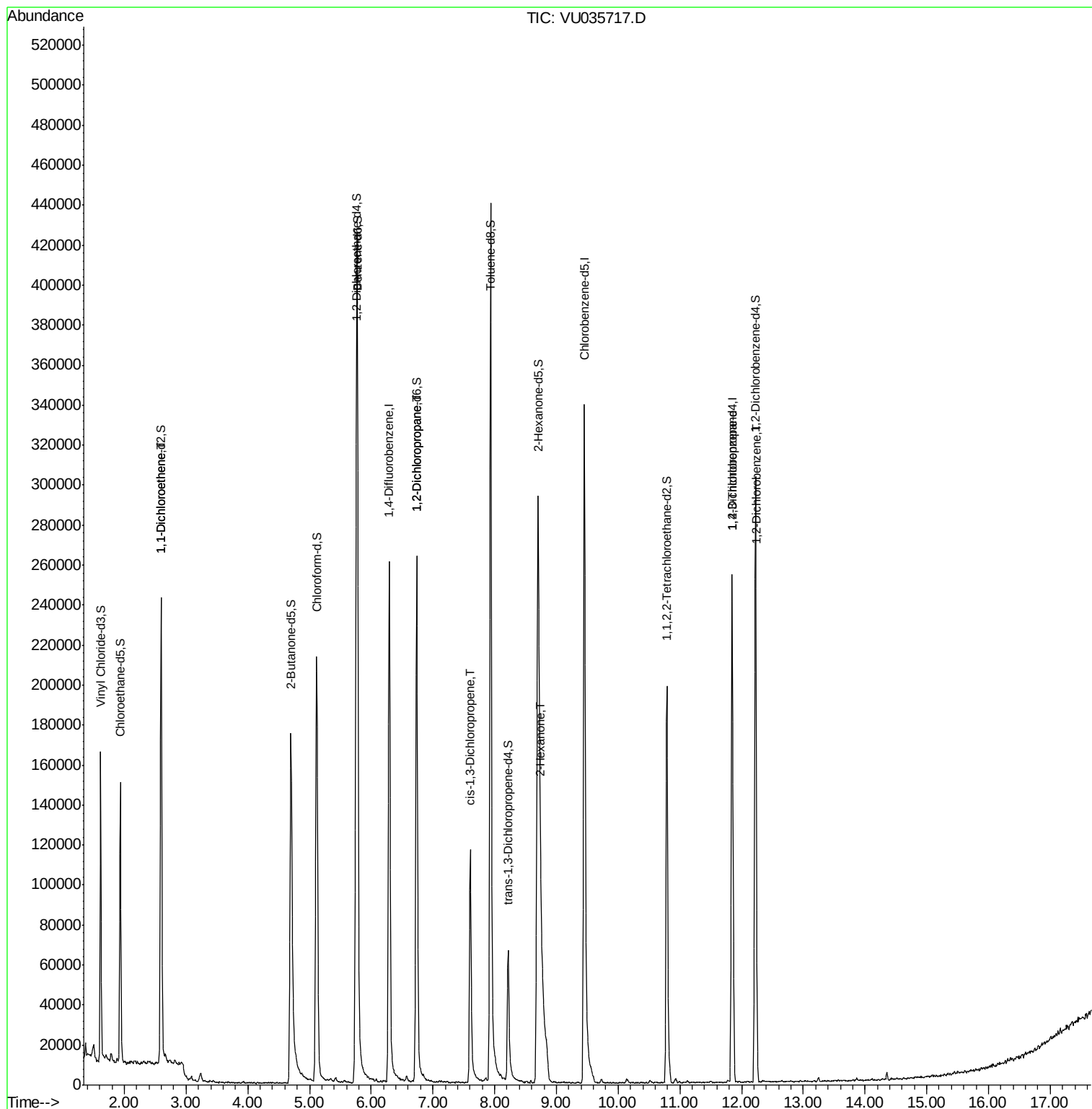
Quant Time: Nov 16 01:40:15 2019

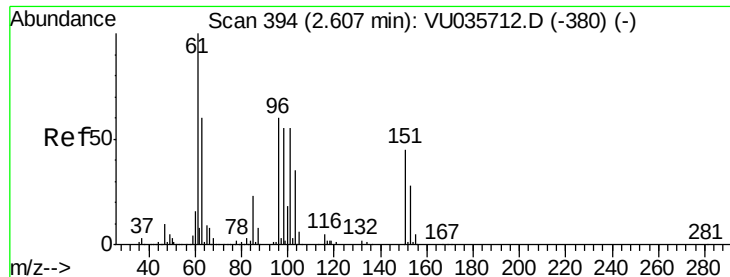
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Quant Title : TRACE VOA SOM01.0

QLast Update : Sat Nov 16 01:36:54 2019

Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.067 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.01 min

Lab File: VU035717.D

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Instrument :

MSVOA_U

ClientSampleId :

GAQG3

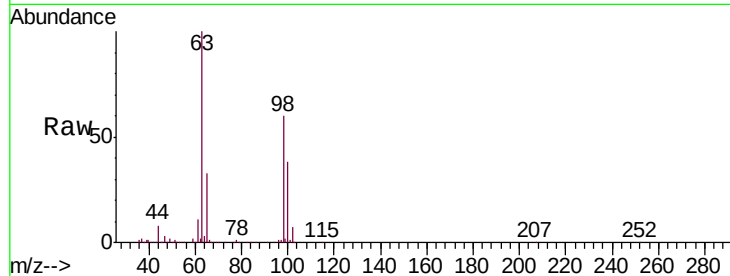
Tgt Ion: 96 Resp: 1388

Ion Ratio Lower Upper

96 100

61 1024.8 123.1 228.5#

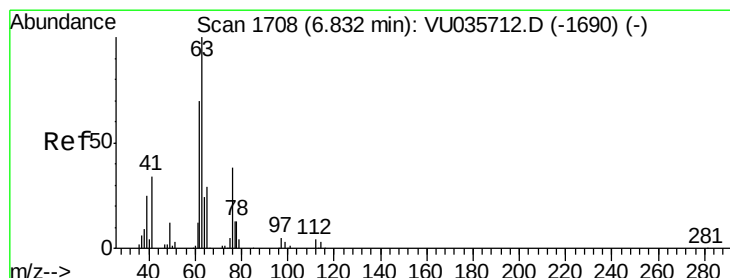
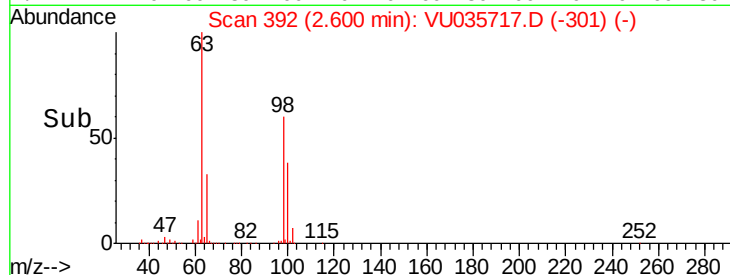
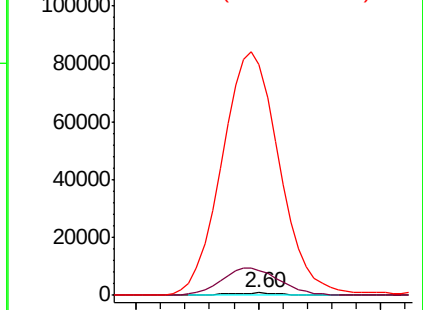
63 9375.1 87.8 163.0#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#37

1,2-Dichloropropane

Concen: 0.567 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.10 min

Lab File: VU035717.D

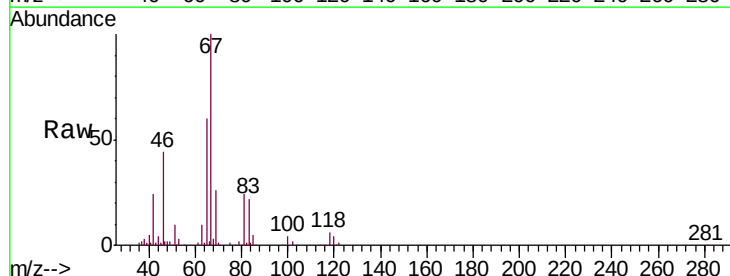
Acq: 15 Nov 2019 11:21

Tgt Ion: 63 Resp: 13844

Ion Ratio Lower Upper

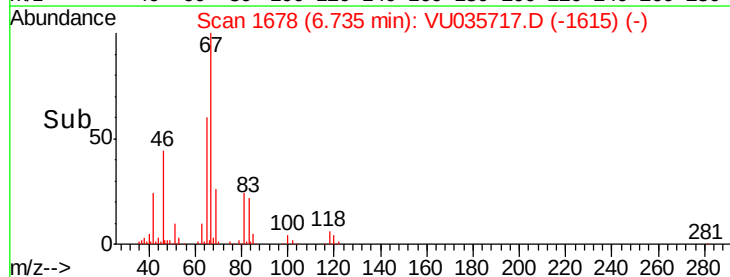
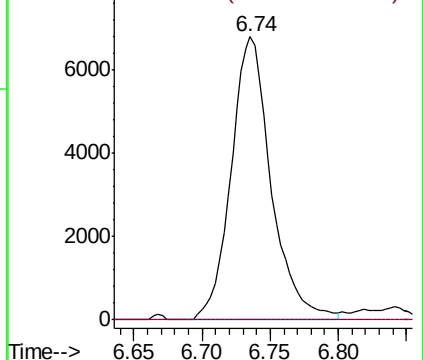
63 100

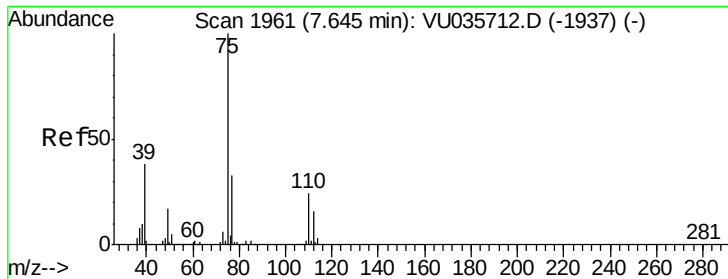
112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

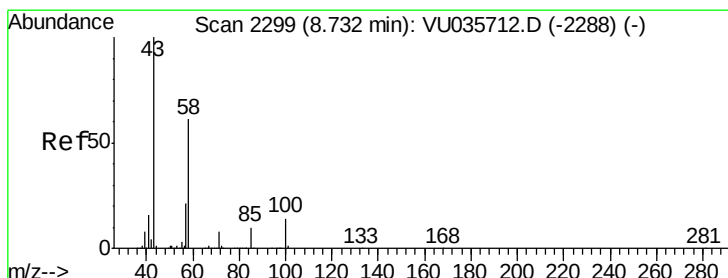
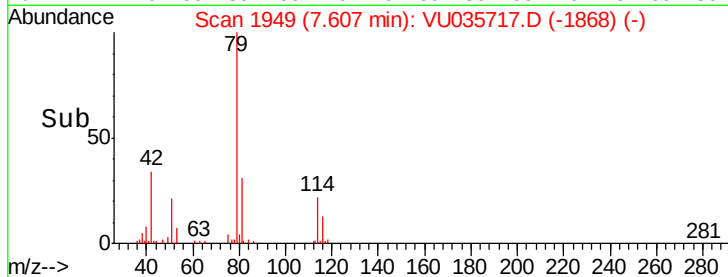
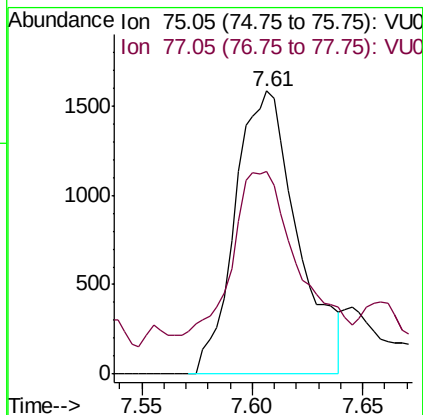
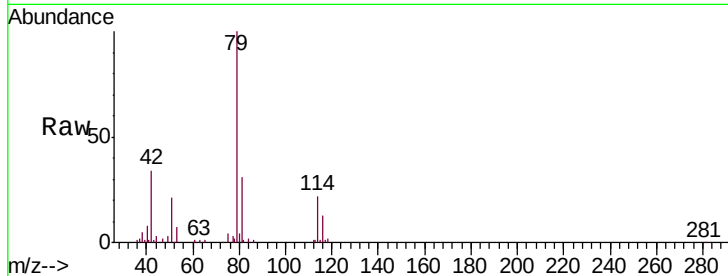




#39
 cis-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.61 min Scan# 1949
 Delta R.T. -0.04 min
 Lab File: VU035717.D
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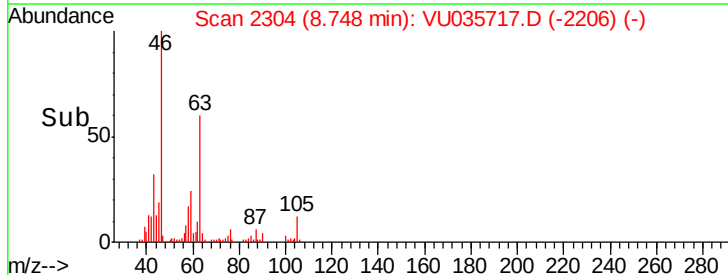
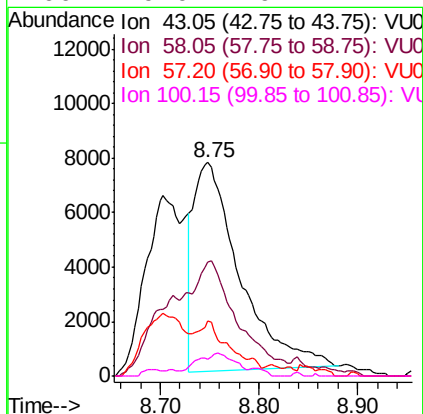
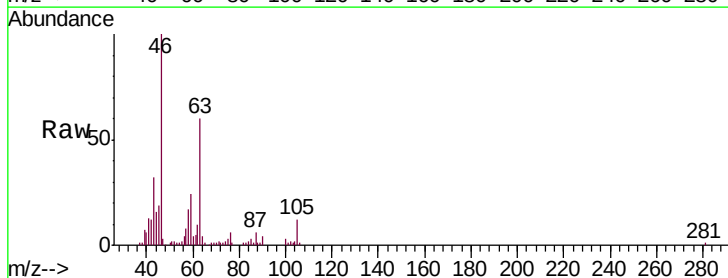
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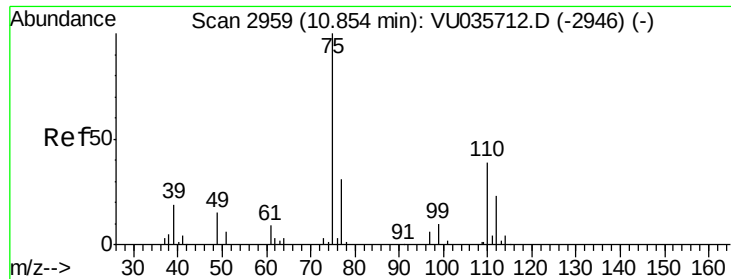
Tgt Ion: 75 Resp: 3107
 Ion Ratio Lower Upper
 75 100
 77 71.6 22.5 41.7#



#48
 2-Hexanone
 Concen: 2.523 ug/L
 RT: 8.75 min Scan# 2304
 Delta R.T. 0.02 min
 Lab File: VU035717.D
 Acq: 15 Nov 2019 11:21

Tgt Ion: 43 Resp: 25157
 Ion Ratio Lower Upper
 43 100
 58 44.7 44.1 66.1
 57 13.8 15.1 22.7#
 100 9.0 9.4 14.2#

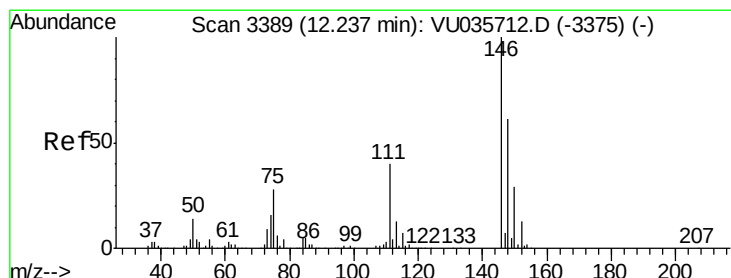
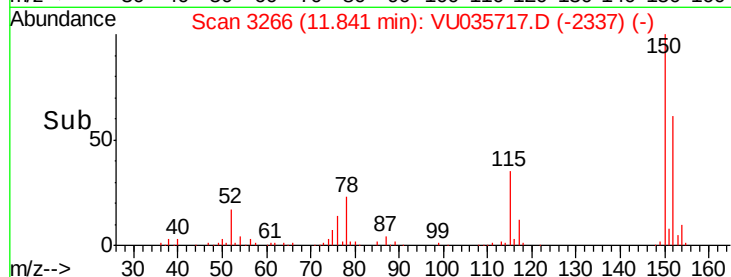
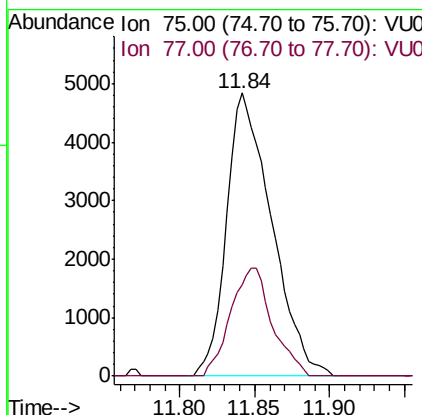
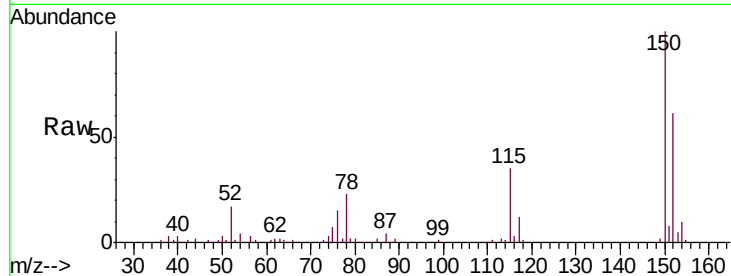




#59
 1,2,3-Trichloropropane
 Concen: 0.629 ug/L
 RT: 11.84 min Scan# 3266
 Delta R.T. 0.99 min
 Lab File: VU035717.D
 Acq: 15 Nov 2019 11:21

Instrument :
 MSVOA_U
 ClientSampled :
 GAQG3

Tgt Ion: 75 Resp: 10146
 Ion Ratio Lower Upper
 75 100
 77 35.3 26.8 40.2



#65
 1,2-Dichlorobenzene
 Concen: 0.093 ug/L
 RT: 12.24 min Scan# 3391
 Delta R.T. 0.01 min
 Lab File: VU035717.D
 Acq: 15 Nov 2019 11:21

Tgt Ion: 146 Resp: 2631
 Ion Ratio Lower Upper
 146 100
 111 71.1 32.2 48.4#
 148 76.2 50.7 76.1#

